Titles of most frequently occurring classifications of patents returned
from a search of 10598796 on May 19 , 2008

   7 704/E19.01   (0 OR, 7 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/E19.001   .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
          704/E19.01   ..Using spectral analysis, e.g., transform vocoders, subband
vocoders, perceptual audio coders, psychoacoustically based lossy encoding, etc.,
e.g., MPEG audio, Dolby AC-3, etc. (EPO)

   5 704/200.1   (2 OR, 3 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/200   .SPEECH SIGNAL PROCESSING
          704/200.1   ..Psychoacoustic

   4 704/211   (2 OR, 2 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/200   .SPEECH SIGNAL PROCESSING
          704/201   ..For storage or transmission
          704/211   ...Time

   4 704/203   (1 OR, 3 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/200   .SPEECH SIGNAL PROCESSING
          704/201   ..For storage or transmission
          704/203   ...Transformation

   3 704/206   (0 OR, 3 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/200   .SPEECH SIGNAL PROCESSING
          704/201   ..For storage or transmission
          704/205   ...Frequency
          704/206   ....Specialized information

   2 704/E19.03   (0 OR, 2 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/E19.001   .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
          704/E19.023   ..Using predictive techniques; codecs based on source-filter
modelization (EPO)
          704/E19.026   ...Determination or coding of the excitation function;
determination or coding of the long-term prediction characteristics (EPO)
          704/E19.03   ....Using sinusoidal excitation model (EPO)

   2 704/E19.042   (0 OR, 2 XR)
          Class 704   DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
          704/E19.001   .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)

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        704/E19.023    ..Using predictive techniques; codecs based on source-filter
modelization (EPO)
        704/E19.039    ...Details of speech and audio coders (EPO)
        704/E19.04     ....Vocoder architecture (EPO)
        704/E19.041    .....Vocoders using multiple modes (EPO)
        704/E19.042    ......Using sound class specific coding, hybrid encoders,
object-based coding (EPO)

  2  704/500      (1 OR, 1 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/500        .AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION

  2  704/E19.02   (0 OR, 2 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/E19.001    .SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
        704/E19.01     ..Using spectral analysis, e.g., transform vocoders, subband
vocoders, perceptual audio coders, psychoacoustically based lossy encoding, etc.,
e.g., MPEG audio, Dolby AC-3, etc. (EPO)
        704/E19.02     ...Using orthogonal transformation (EPO)

  2  708/322      (1 OR, 1 XR)
        Class 708      ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING
        708/100        .ELECTRICAL DIGITAL CALCULATING COMPUTER
        708/200        ..Particular function performed
        708/300        ...Filtering
        708/322        ....Adaptive

  2  704/220      (0 OR, 2 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200        .SPEECH SIGNAL PROCESSING
        704/201        ..For storage or transmission
        704/220        ...Analysis by synthesis

  2  704/219      (1 OR, 1 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200        .SPEECH SIGNAL PROCESSING
        704/201        ..For storage or transmission
        704/219        ...Linear prediction

  2  704/261      (0 OR, 2 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200        .SPEECH SIGNAL PROCESSING
        704/258        ..Synthesis
        704/261        ...Vocal tract model

  2  704/229      (1 OR, 1 XR)
        Class 704      DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200        .SPEECH SIGNAL PROCESSING
        704/201        ..For storage or transmission
        704/229        ...Adaptive bit allocation

  2  361/79       (1 OR, 1 XR)
        Class 361      ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
        361/1          .SAFETY AND PROTECTION OF SYSTEMS AND DEVICES
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        361/78              ..With specific quantity comparison means
        361/79              ...Voltage and current

  2  704/503       (1 OR, 1 XR)
        Class 704           DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/503             .AUDIO SIGNAL TIME COMPRESSION OR EXPANSION (E.G., RUN
LENGTH CODING)

  2  704/226       (1 OR, 1 XR)
        Class 704           DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/200             .SPEECH SIGNAL PROCESSING
        704/201             ..For storage or transmission
        704/226             ...Noise

  2  704/501       (0 OR, 2 XR)
        Class 704           DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
        704/500             .AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION
        704/501             ..With content reduction encoding

  2  702/195       (1 OR, 1 XR)
        Class 702           DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
        702/127             .MEASUREMENT SYSTEM
        702/189             ..Measured signal processing
        702/190             ...Signal extraction or separation (e.g., filtering)
        702/191             ....For noise removal or suppression
        702/194             .....By mathematical attenuation (e.g., weighting,
averaging)
        702/195             ......Subtracting noise component

  2  703/14        (1 OR, 1 XR)
        Class 703           DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION,
AND EMULATION
        703/13              .SIMULATING ELECTRONIC DEVICE OR ELECTRICAL SYSTEM
        703/14              ..Circuit simulation

  2  600/545       (2 OR, 0 XR)
        Class 600           SURGERY
        600/300             .DIAGNOSTIC TESTING
        600/544             ..Detecting brain electric signal
        600/545             ...With feedback of signal to patient
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